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**INFORMATION REPORT**

REPORT

CD NO.

COUNTRY Germany (Russian Zone)

SUBJECT Production at Bunawerke, Schkopau

DATE DISTR. 27 Jan 1949

NO. OF PAGES 3

PLACE  
ACQUIRED

NO. OF ENCLS.  
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THIS IS UNEVALUATED INFORMATION

1. Dismantling

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The destination of the dismantled plant from the Bunawerke at Schkopau was Moscow. The last packing case left Bunawerke in July 1948. The plant at Schkopau was dismantled principally because the Russians wanted it to complete their own plant. This works on an alcohol basis instead of the usual carbide process.

2. Chemicals Produced

The factory employed 16,000 men as of 25 July 1948. The main production lines were as follows:

- Buna - 1,500 - 1,800 tons per month. This includes Buna S, Buna SS, Buna 85, and Buna 32.
- Acetic acid - 2,000 tons per month (90% - 95% quality).
- Igelit powder and "weichgemachte" Igelit. Comment: Another production at Buna as 8,400 tons yearly of Igelit P.C.U.)
- Soda lye and butyl acetate.
- Nitrogen - 21,400 cubic meters in May and June 1948 respectively.
- Carbide - (8 furnaces in operation). Up to 1,000 tons per day. A 9th carbide furnace was under construction in August 1948.

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3. Destination of production

- Buna. Up to June 1948, 100% of the Buna production was sent to the USSR. Since then part has been stored at Buna, and part sent to Czechoslovakia for further processing.
- Acetic acid. This is sent 100% to the USSR in 200 liter aluminum drums.

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Document No. 5  
NO CHANGE in Class. ☐  
☐ DECLASSIFIED  
Class. CHANGED TO: TS S C  
DDA Memo, 4 Apr 77  
Auth: DDA REG. 77/  
Date: 8 May 78

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- c) Igelit. The "weichgemachte" Igelit is sent to the USSR in 100 kg. drums manufactured by the Sobler works at Stassfurt.
- d) Soda lye, butyl acetate, ethylene glycol and paraldehyde are all sent to the USCR. 50X1-HUM
- e) Chloride of aluminum and "glysantine" are sent to [redacted] Czechoslovakia and Poland.

#### 4. Power supplies.

- a) Consumption averages 102 million KWH a month.
- b) The factories' own power stations produced the following power in May and June 1948.

May 1948	:	66.9 million KWH
June 1948	:	74.6 million KWH

Coal is supplied from the local open-cast workings.

- c) The remainder of the power is supplied from Zschornowitz power station, via a 100 KV circuit.

#### 5. Steam and Water supplies.

- a) Steam production in May and June 1948 was as follows:

May 1948	:	538,426 tons
June 1948	:	573,017 tons

under a pressure of 100.16 and 3.5 atmospheres.

- b) Water consumption was as follows:

May 1948	:	1,132,700 cu. meters.
June 1948	:	872,000 cu. meters.

Water is supplied by 2 pumping stations from the Saale.

#### 6. Raw Materials.

- a) Limestone - daily requirements 1,000 tons.  
This is supplied from the factory's quarry at Ribeland/Harz and is delivered in special Reichsbahn trucks to the works.
- b) Coke - daily requirements 5-6,000 tons.  
No deliveries have taken place from the Ruhr or Waldenburg since June 1948. Stocks in August 1948 could be reckoned as sufficient for a further 6 - 8 weeks.
- c) Anthracite - stocks: none.  
No deliveries were taking place in August 1948. Experiments with Bohemian lignite proved a failure.
- d) Electrodes - Electrodes are manufactured in the works. There is no shortage.

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e) Welding wire - stocks: none.

Every effort is being made to obtain this through the black market [redacted] In the meantime, "Eisendraht" (ordinary wire) is being used in lieu. Efforts to obtain welding wire by barter arrangements with Czechoslovakia and Poland have proved abortive.

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f) Ferro silicon.

10% of requirements are met from the Soviet Zone. [redacted]

g) Tools.

Supplies are infinitesimal. Replacements are almost impossible.

h) Steel Plate.

The factory allocation of 4,000 tons from the dump at Stassfurt has been diverted to the shipyards on the Baltic. The Stassfurt dump amounted to 20,000 tons. All this is being diverted to the Baltic.

i) Phenyl-B.

A 10-ton truck is sent to Ludwigshafen every week to obtain this commodity by barter means.

9. Personalities.a) German. The leading personalities are:

- |       |                 |                                       |
|-------|-----------------|---------------------------------------|
| i)    | Dr. Nelles      | - German manager.                     |
| ii)   | Dr. Moll        | - Deputy manager.                     |
| iii)  | Dipl. Ing. Röhr | - Business manager.                   |
| iv)   | Dr. Bechthold   | - In charge of power supplies.        |
| v)    | Dr. Schuhmacher | - Technical manager.                  |
| vi)   | Dr. Schmidt     | - Research dept. for Buna and Igelit. |
| vii)  | Dr. Hilburg     | - Physics laboratory.                 |
| viii) | Dr. Zobel       | - Acetic acid dept.                   |
| ix)   | Dr. Müller      | - In charge of power stations.        |

b) Russian.

## i) Nasarov

[redacted]  
(Managing director).

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## ii) Markevitch

[redacted]  
(Deputy manager).

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## iii) Golovin

[redacted]  
(Chief engineer).

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